

BLACKFOOT RIVER BASIN
13068500 BLACKFOOT RIVER NEAR BLACKFOOT, ID--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1966, 1968-1970, 1972-1981, July 1989 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: May to September, 1996 (discontinued).

INSTRUMENTATION.--Temperature recording data logger.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 25.4 °C July 27, 1996.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 25.4 °C July 27.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

		DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	TEMPERATURE AIR (DEG C) (00020)	TEMPERATURE WATER (DEG C) (00010)	TURBIDITY (NTU) (00076)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PERCENT SATURATION) (00301)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	STREPTOCOCCI, KF AGAR (COLS. PER 100 ML) (31673)
APR 25...	1245	221	431	8.2	11.5	8.5	29	13.0	129	94	270
MAY 23...	1707	309	389	8.2	14.0	13.0	80	7.4	82	290	330
JUN 20...	1417	159	304	8.5	27.0	17.5	9.4	10.1	125	170	250
JUL 18...	0840	137	336	8.4	15.0	18.0	4.5	8.6	107	400	490
AUG 22...	0820	103	325	8.2	9.5	15.5	2.7	8.8	103	400	350
SEP 19...	1245	198	347	8.4	18.0	11.5	1.9	10.3	110	150	310
		HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNESIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	POTASSIUM, DIS-SOLVED (MG/L AS K) (00935)	BICARBONATE WATER WH FET FIELD MG/L AS HCO3 (00440)	CARBONATE WATER WH FET FIELD MG/L AS CO3 (00445)	ALKALINITY WAT WH TOT FET FIELD MG/L AS CACO3 (00410)	
SEP 19...	160	41	13	10	12	2.4	160	2	139		
		SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLORIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUORIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	SOLIDS, DIS-SOLVED (TONS PER DAY) (70302)		
SEP 19...	27	9.5	0.5	13	207	200	0.28	111			
		NITROGEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITROGEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	SEDIMENT, DIS-SUSPENDED (MG/L) (80154)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY) (80155)		
APR 25...		<0.01	0.21	<0.015	0.5	0.12	0.01	357	213		
MAY 23...		0.02	0.21	0.040	0.3	0.05	0.02	437	365		
JUN 20...		<0.01	0.06	0.030	0.2	0.03	0.02	49	21		
JUL 18...		<0.01	0.06	0.030	0.3	<0.01	0.02	55	20		
AUG 22...		<0.01	<0.05	<0.015	0.3	<0.01	<0.01	18	5.0		
SEP 19...		0.01	0.12	0.040	0.3	0.03	<0.01	21	11		

BLACKFOOT RIVER BASIN

13068500 BLACKFOOT RIVER NEAR BLACKFOOT, ID--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	APRIL			MAY			JUNE		
1	---	---	---	---	---	---	15.7	12.1	13.6
2	---	---	---	---	---	---	16.9	12.9	14.7
3	---	---	---	---	---	---	18.2	14.1	15.9
4	---	---	---	---	---	---	19.7	15.2	17.1
5	---	---	---	---	---	---	19.4	15.2	17.0
6	---	---	---	---	---	---	21.5	14.4	17.5
7	---	---	---	---	---	---	22.8	13.9	18.2
8	---	---	---	---	---	---	23.3	16.8	19.7
9	---	---	---	---	---	---	23.3	16.9	19.9
10	---	---	---	---	---	---	22.5	17.6	19.7
11	---	---	---	---	---	---	21.7	17.1	19.2
12	---	---	---	---	---	---	21.2	16.3	18.5
13	---	---	---	---	---	---	22.3	16.8	18.9
14	---	---	---	---	---	---	22.3	16.8	19.0
15	---	---	---	---	---	---	23.2	17.4	19.6
16	---	---	---	---	---	---	23.2	17.4	20.1
17	---	---	---	---	---	---	22.0	16.8	19.2
18	---	---	---	---	---	---	18.5	14.6	16.5
19	---	---	---	---	---	---	18.9	13.0	15.5
20	---	---	---	---	---	---	18.7	14.1	16.0
21	---	---	---	---	---	---	20.8	14.2	17.0
22	---	---	---	---	---	---	20.3	14.6	17.0
23	---	---	---	---	---	---	21.5	13.6	17.4
24	---	---	---	13.9	10.4	11.9	21.2	14.6	17.7
25	---	---	---	13.5	11.5	12.4	22.3	14.4	18.1
26	---	---	---	12.9	11.9	12.5	21.5	15.2	18.3
27	---	---	---	14.2	11.0	12.6	22.2	15.5	18.7
28	---	---	---	13.5	12.0	13.0	19.2	15.4	17.0
29	---	---	---	12.4	11.1	11.8	19.9	14.6	16.9
30	---	---	---	13.6	10.7	12.0	20.7	16.0	18.1
31	---	---	---	14.2	11.6	12.8	---	---	---
MONTH	---	---	---	---	---	---	23.3	12.1	17.7

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JULY			AUGUST			SEPTEMBER		
1	22.3	17.3	19.4	22.8	19.5	20.9	19.7	15.8	17.4
2	24.7	18.2	20.9	22.2	18.6	20.1	19.0	14.9	16.6
3	23.7	18.2	20.8	20.7	17.6	19.0	19.0	14.9	16.7
4	25.4	19.2	21.8	19.5	15.8	17.4	19.7	15.2	17.1
5	23.9	18.9	21.1	20.2	15.0	17.1	17.9	14.6	16.4
6	22.8	17.1	19.7	20.0	15.2	17.3	17.3	13.0	14.8
7	22.8	17.4	19.9	20.8	14.9	17.6	17.6	12.9	14.9
8	23.2	17.7	20.1	22.3	15.8	18.7	18.1	13.3	15.2
9	23.5	18.9	20.8	23.3	16.8	19.6	19.0	13.6	16.0
10	24.4	18.9	21.2	23.5	17.4	20.1	19.0	14.4	16.4
11	24.9	17.4	21.0	24.2	17.6	20.5	17.7	15.8	16.7
12	24.7	18.1	21.2	24.4	18.2	21.0	19.5	14.7	16.8
13	24.5	18.1	21.2	24.5	18.7	21.5	18.7	16.0	17.2
14	24.0	19.0	21.4	24.7	18.6	21.3	17.6	15.3	16.4
15	22.0	19.5	20.7	25.1	18.1	21.6	16.6	14.2	15.2
16	23.0	19.4	20.8	24.4	18.2	21.2	14.2	12.4	13.2
17	23.7	18.6	20.7	21.8	18.7	20.3	13.3	11.5	12.2
18	22.7	18.2	20.2	20.7	17.4	18.9	12.4	10.7	11.5
19	22.7	17.6	19.8	20.3	15.4	17.6	---	---	---
20	21.8	17.1	19.2	20.5	15.8	17.8	---	---	---
21	22.5	16.8	19.3	21.5	15.8	18.2	---	---	---
22	23.9	17.3	20.2	22.0	15.4	18.4	---	---	---
23	24.7	17.7	20.9	22.7	14.9	18.6	---	---	---
24	25.1	18.4	21.5	23.3	15.4	19.2	---	---	---
25	24.9	18.7	21.5	22.7	15.8	19.3	---	---	---
26	25.2	18.2	21.7	22.3	16.1	19.3	---	---	---
27	25.4	18.9	21.9	21.7	18.1	19.6	---	---	---
28	23.2	19.5	21.4	21.0	17.1	18.9	---	---	---
29	23.2	20.0	21.2	21.7	16.8	18.9	---	---	---
30	23.9	19.5	21.2	21.2	17.3	18.9	---	---	---
31	23.9	19.9	21.4	21.0	16.8	18.4	---	---	---
MONTH	25.4	16.8	20.8	25.1	14.9	19.3	---	---	---

BLACKFOOT RIVER BASIN
13068500 BLACKFOOT RIVER NEAR BLACKFOOT, ID--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1966, 1968-1970, 1972-1981, July 1989 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: May 24 to September 18, 1996; May 1 to September 30, 1999 (discontinued).

INSTRUMENTATION.--Temperature recording data logger.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 25.4 °C July 27, 1996.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 25.1 °C July 23.

WATER-QUALITY DATA, APRIL 1999 TO OCTOBER 1999

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	TUR-BID-ITY (NTU) (00076)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	STREP-TOCOCCI, KF AGAR (COLS. PER 100 ML) (31673)
APR 21...	1205	189	476	8.8	9.0	8.4	25	10.9	110	190	130
MAY 25...	1025	179	346	8.6	17.0	17.0	20	9.1	111	190	160
JUN 25...	1103	130	340	8.7	16.0	17.8	20	7.5	102	230	200
AUG 05...	1210	173	325	8.5	27.7	20.5	--	9.4	123	380	280
SEP 29...	1350	195	350	8.7	17.5	10.9	1.6	10.4	110	K13	70
OCT 13...	1205	161	355	8.7	13.6	10.6	1.5	9.8	104	K18	K26
DATE		HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SOLVED SODIUM PERCENT (00932)	POTAS-SIUM, DIS-FIELD (MG/L AS K) (00935)	ANC WATER UNFLTRD FET FIELD (MG/L AS HCO3) (00440)	ANC UNFLTRD CARB FET (MG/L AS CO3) (00445)		
SEP 29...	160		41	13	11	13	2.2	160	9		
DATE		ANC WATER UNFLTRD FET FIELD (MG/L AS CACO3) (00410)	CHLO-SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	FLUO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	SILICA, RIDE, DIS-SOLVED (MG/L AS F) (00950)	SUM OF DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, SOLIDS, CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	DIS-SOLVED (TONS PER DAY) (70302)		
SEP 29...	144		27	8.9	.52	12	203	.28	107		
DATE		NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	SEDI-MENT, SEDI-MENT, SUS-PENDE (MG/L) (80154)	DIS-CHARGE, SUS-PENDE (T/DAY) (80155)		
APR 21...		<.010	.115	.026	.47	.100	.014	132	67		
MAY 25...		<.010	.051	.030	.58	.119	.010	77	37		
JUN 25...		<.010	<.050	<.020	.43	.081	.012	50	18		
AUG 05...		<.010	.068	<.020	.53	.066	<.010	60	28		
SEP 29...		<.010	<.050	<.020	.28	E.034	<.010	14	7.4		
OCT 13...		<.010	<.050	<.020	.28	E.032	<.010	10	4.3		

E Positive detection, but below stated detection limit.

K Results based on counts outside ideal colony range.

BLACKFOOT RIVER BASIN
13068500 BLACKFOOT RIVER NEAR BLACKFOOT, ID--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

	DAY	MAX	MIN	MEAN	MAX	MIN	MEAN					
		APRIL			MAY							
	1	---	---	---		10.6	9.6	10.0				
	2	---	---	---		9.8	8.9	9.4				
	3	---	---	---		8.9	7.2	8.3				
	4	---	---	---		8.1	6.7	7.2				
	5	---	---	---		9.0	6.4	7.7				
	6	---	---	---		10.9	7.6	9.1				
	7	---	---	---		13.0	9.6	11.2				
	8	---	---	---		13.0	10.1	11.4				
	9	---	---	---		10.9	8.1	9.6				
	10	---	---	---		9.6	7.2	8.1				
	11	---	---	---		9.9	7.0	8.4				
	12	---	---	---		11.0	8.7	9.8				
	13	---	---	---		11.5	9.0	10.4				
	14	---	---	---		11.2	8.6	9.6				
	15	---	---	---		9.6	7.5	8.9				
	16	---	---	---		9.2	6.5	7.7				
	17	---	---	---		11.3	7.5	9.3				
	18	---	---	---		12.9	9.8	11.4				
	19	---	---	---		15.7	11.6	13.5				
	20	---	---	---		17.9	12.6	15.0				
	21	---	---	---		18.7	13.5	15.9				
	22	---	---	---		19.2	14.3	16.3				
	23	---	---	---		19.1	14.6	16.6				
	24	---	---	---		19.9	15.7	17.4				
	25	---	---	---		21.3	16.2	18.3				
	26	---	---	---		19.7	16.3	17.7				
	27	---	---	---		20.0	14.8	17.2				
	28	---	---	---		21.0	15.7	17.8				
	29	---	---	---		18.4	14.8	16.8				
	30	---	---	---		14.8	12.4	13.9				
	31	---	---	---		13.2	11.5	12.3				
	MONTH	---	---	---		21.3	6.4	12.1				

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	15.1	12.0	13.3	20.7	15.2	17.7	22.0	18.3	19.9	17.9	14.0	15.7
2	14.3	13.0	13.9	20.8	15.4	17.9	22.3	18.3	19.9	17.3	14.8	15.8
3	14.8	12.6	13.6	21.7	15.4	18.4	22.2	19.4	20.5	16.2	14.4	15.1
4	16.0	12.9	14.2	20.8	16.5	18.4	23.0	19.9	21.0	17.8	13.8	15.5
5	15.1	12.7	13.6	21.5	15.4	18.2	21.5	18.9	20.2	18.4	14.1	16.0
6	13.2	12.4	12.9	23.3	16.2	19.5	22.5	19.1	20.5	18.3	14.4	16.0
7	13.8	12.0	12.9	23.3	18.7	20.6	22.0	18.1	19.9	17.8	13.5	15.3
8	15.1	12.4	13.4	22.7	16.0	19.2	22.7	17.6	20.0	18.1	12.9	15.2
9	14.8	12.1	13.3	23.3	15.9	19.5	22.8	18.3	20.3	18.1	13.2	15.5
10	15.9	12.6	14.1	23.0	16.5	19.6	20.8	18.3	19.5	17.3	14.0	15.4
11	16.6	13.0	14.7	23.5	17.4	20.3	19.1	17.4	18.6	17.9	13.4	15.4
12	18.1	14.3	16.0	22.7	18.4	20.4	21.2	16.6	18.5	17.3	13.0	14.9
13	19.2	15.4	17.0	24.7	18.6	21.4	21.7	17.1	19.1	17.1	12.7	14.6
14	20.2	16.0	17.9	21.0	18.9	19.9	21.5	17.3	19.1	17.6	13.0	15.0
15	21.5	17.1	19.1	21.8	17.0	19.1	20.5	16.8	18.4	17.9	13.4	15.4
16	21.7	17.6	19.2	22.0	16.3	18.9	21.0	16.2	18.3	18.3	13.7	15.6
17	20.8	16.8	18.6	20.5	16.6	18.4	22.7	16.3	19.2	18.7	14.0	16.0
18	21.2	16.8	18.8	21.5	16.5	18.6	23.9	16.8	20.1	18.4	14.3	16.2
19	20.8	17.4	18.9	22.0	17.6	19.6	23.3	18.3	20.5	18.3	14.4	16.0
20	21.5	17.1	19.1	22.3	18.4	20.1	22.3	17.9	20.3	17.9	14.3	15.8
21	20.5	17.8	19.0	24.6	17.8	20.9	24.4	18.3	20.9	17.4	13.8	15.3
22	20.2	17.0	18.4	24.9	17.6	21.2	24.0	18.1	20.9	17.6	13.8	15.5
23	20.7	16.2	18.1	25.1	17.9	21.3	23.0	18.3	20.5	17.4	14.0	15.4
24	22.7	16.2	19.1	23.2	18.6	20.7	22.5	18.3	20.0	16.2	13.5	14.7
25	20.5	16.2	18.3	22.5	17.4	19.9	22.5	17.6	19.9	14.3	11.8	13.0
26	19.1	15.1	16.9	23.5	17.1	20.2	23.2	17.4	20.0	12.7	10.7	11.6
27	18.4	14.4	16.0	23.5	18.3	20.9	20.5	18.3	19.3	12.4	10.1	10.9
28	18.1	14.4	16.1	22.3	18.7	20.5	22.5	17.9	19.8	12.3	9.0	10.3
29	17.9	14.6	16.3	23.9	19.4	21.3	22.2	17.1	19.5	12.0	8.4	9.9
30	19.5	15.9	17.4	23.2	19.7	21.3	19.2	17.1	18.4	12.6	8.9	10.4
31	---	---	---	23.3	18.6	20.5	18.3	14.0	16.0	---	---	---
MONTH	22.7	12.0	16.3	25.1	15.2	19.8	24.4	14.0	19.6	18.7	8.4	14.6

BLACKFOOT RIVER BASIN
13068500 BLACKFOOT RIVER NEAR BLACKFOOT, ID--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1966, 1968-1970, 1972-1981, July 1989 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: May to September 1996, May to September 1999 (discontinued).

INSTRUMENTATION.--Temperature recording data logger.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 25.4 °C July 27, 1996.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE AIR (DEG C) (00020)	TEMPER- ATURE WATER (DEG C) (00010)	TUR- BID- ITY (NTU) (00076)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (MG/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (MG/L) (00301)	COLI- FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	STREP- TOCOCCHI FECAL, KF AGAR (COLS. PER 100 ML) (31673)
APR 12...	1321	213	489	8.5	19.0	12.3	30	9.7	106	K45	110
MAY 24...	1441	45	358	8.6	26.2	20.1	2.0	9.4	122	K29	K44
JUN 15...	1605	152	350	8.7	25.0	17.6	3.9	9.3	117	100	230
JUL 19...	1100	166	348	8.6	22.5	20.3	6.5	9.1	117	330	340
AUG 25...	1348	119	355	8.6	28.8	21.9	<.5	10.2	136	K120	670
SEP 18...	1712	102	347	8.5	26.0	19.3	<.5	9.5	121	490	520

DATE	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (00932)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	ANC WATER UNFLTRD FET FIELD MG/L AS HCO3 (00440)	ANC UNFLTRD CARB FET FIELD MG/L AS CO3 (00445)
SEP 18...	150	38.2	13.6	11.3	14	2.3	160	7

DATE	ANC WATER UNFLTRD FET FIELD MG/L AS CACO3 (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	SOLIDS, DIS- SOLVED (TONS PER DAY) (70302)
SEP 18...	139	31.1	10.0	.6	9.3	200	.27	55.1

DATE	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHOPHOS- PHORUS DIS- SOLVED (MG/L AS P) (00671)	SEDI- MENT, DIS- SUS- PENDE (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDE (T/DAY) (80155)
APR 12...	.070	.012	.75	.199	.007	200	115
MAY 24...	<.005	<.002	.30	.031	.005	7	.85
JUN 15...	.005	.011	.34	.045	<.001	38	16
JUL 19...	.006	.026	.44	.061	.001	59	26
AUG 25...	<.005	.011	.35	.019	<.001	17	5.5
SEP 18...	<.005	.008	.33	.031	<.001	11	3.0

K Results based on counts outside ideal colony range.

BLACKFOOT RIVER BASIN

13068500 BLACKFOOT RIVER NEAR BLACKFOOT, ID--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1966, 1968-1970, 1972-1981, July 1989 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: May to September 1996, May to September 1999, April to September 2001 (discontinued).

INSTRUMENTATION.--Temperature recording data logger.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 33.3 °C July 4, 2001.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 33.3 °C July 4.

REMARKS.--Data collected during zero flow conditions not included in record.

WATER-QUALITY DATA, MAY TO SEPTEMBER 2001

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	TURBID-ITY LAB HACH 2100AN (NTU) (99872)	OXYGEN, DIS-SOLVED (PER-CENT SATED) (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATED) (MG/L) (00301)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)				
MAY														
03...	1649	99	338	8.6	15.0	13.8	23	10.8	122	S14				
16...	1138	68	410	8.4	16.1	13.5	15	9.9	112	390				
JUN														
18...	1338	150	363	8.8	25.8	19.1	7.3	10.4	131	S33				
JUL														
23...	1015	6.5	360	8.5	27.6	21.2	2.1	11.1	147	S90				
AUG														
06...	0950	2.8	342	8.3	22.8	20.9	3.9	9.1	119	S100				
SEP														
17...	1205	16	348	8.5	14.5	16.3	2.5	8.3	99.3	S66				
DATE		HARD-NESS TOTAL (MG/L AS CAC03) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM PERCENT (MG/L AS K) (00932)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	ANC WATER UNFLTRD FET FIELD (MG/L AS HCO3) (00440)	ANC UNFLTRD CARB FET FIELD (MG/L AS CO3) (00445)	ANC WATER UNFLTRD FET FIELD (MG/L AS CAC03) (00410)	SULFATE DIS-SOLVED (MG/L AS S04) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)
SEP	17...	153	34.2	16.3	12.9	15.2	3.02	140	5	134	35.6	12.4	.6	12.1
DATE		NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	SEDI-MENT, DIS-CHARGE, SUS-PENDE (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDE (T/DAY) (80155)						
MAY														
03...		.005	.35	.012	<.007	.073	38	8.6						
16...		.012	.40	.018	<.007	.064	26	4.1						
JUN														
18...		.033	.44	.034	<.007	.036	35	12						
JUL														
23...		.004	.30	.013	<.007	.024	4	.07						
AUG														
06...		.002	.35	.005	<.007	.013	6	.05						
SEP														
17...		.005	.36	.008	<.007	.020	3	.12						
< Less than														
S Most probable value														

< Less than
S Most probable value

[illegible]

BLACKFOOT RIVER BASIN

13068500 BLACKFOOT RIVER NEAR BLACKFOOT, ID--Continued

COLLECTION METHODS.--Composite of 5, 0.25 m² samples. Richest targeted habitat--riffles.

MESH SIZE.--425 um.

AVERAGE DEPTH.--0.31 m.

AVERAGE PERCENT SHADING.--9.

AVERAGE VELOCITY.-- 0.80 m/s.

SUBSTRATE EMBEDDEDNESS CLASS RANGE.--3-4.

PERCENT FINES AVERAGE.--0.

BIOLOGICAL DATA, JULY 2000
BENTHIC INVERTEBRATE COLLECTION DATA

ORGANISM	NUMBER	PERCENT
TAXON	OF	COMPO-
GENUS SPECIES	INDIV-	SITION
DATE	INDUALS	
July 18		
NON-INSECTS		
Nematoda	17	0.57
Imma.Tubificid with cap.setae	35	1.14
Rhyacodrilus coccineus	26	0.85
Eiseniella tetraedra	4	0.14
Hirudinea	4	0.14
Pisidium	9	0.28
Sphaerium striatinum	4	0.14
Potamopyrgus antipodarum	794	25.85
Ferrissia rowelli	4	0.14
Fluminicola n.sp. near fuscus	74	2.41
Physella	4	0.14
Gyraulus parvus	4	0.14
Ostracoda	13	0.43
Acari	17	0.57
EPHEMEROPTERA		
Acentrella	9	0.28
Acentrella parvula	153	4.97
Baetis	563	18.32
Camelobaetidius	17	0.57
Centroptilum	4	0.14
Plauditus punctiventris	44	1.42
Caenis	31	0.99
Heptagenia	22	0.71
Stenonema	31	0.99
Choroterpes	4	0.14
Tricorythodes	223	7.24
PLECOPTERA		
Isoperla	4	0.14
TRICHOPTERA		
Culoptila	4	0.14
Hydropsyche	22	0.71
Hydroptila	17	0.57
Nectopsyche	9	0.28
Oecetis	13	0.43
LEPIDOPTERA		
Petrophila	17	0.57
COLEOPTERA		
Microcylloepus	39	1.28
Opiioservus	35	1.14
DIPTERA		
Ceratopogoninae	4	0.14
Empididae-pupae	4	0.14
Chelifera	13	0.43
Hemerodromia	4	0.14
Simulium	227	7.39
CHIRONOMIDAE		
Chironomidae-pupae	35	1.14
Cladotanytarsus	13	0.43
Cricotopus Trifascia group	9	0.28
Cryptochironomus	22	0.71
Orthocladius Complex	17	0.57
Parakiefferiella	9	0.28
Paratanytarsus	4	0.14
Polypedilum	327	10.65
Rheotanytarsus	13	0.43
Tanytarsus	39	1.28
Thienemannimyia group	52	1.70
Tvetenia Discoloripes group	4	0.14
SUMMARY STATISTICS		
TOTAL NUMBER OF TAXA	51	
TOTAL INDIVIDUALS	3,072	